

EW and Passive radar Processing Engineer

Ref: MS-JDS-EPE-202001

Title: EW and Passive radar Processing Engineer

Reports to: Technical project manager

Location: Via Rosellini 12, Milan, Italy

Job purpose: Design, development and testing of EW and passive radar algorithms and sensors

Candidate must be eligible to work in the EU.

Job duties:

- Signal processing of EW and Passive Radar systems
- Passive radar system engineering
- Geolocation of RF emitters
- Data analysis of acquired data
- Documentation of processing results

Required skills and qualifications:

- Strong knowledge of radar and EW system principles
- Strong knowledge of data signal processing (matched filter, windowing, FFT, Kalman filter, etc)
- Understanding of geolocation algorithms
- Experience with Matlab and C/C++
- Knowledge of DVB-T signals
- Ability to think logically and to decompose a problem into its component parts
- Good knowledge of the English language for the working environment
- Good communication and team-working skills



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Desired Skills/Qualifications

- Minimum 3 years of experience in the field
- Knowledge of Electromagnetic and antenna simulation is appreciated

Company description:

MetaSensing is an Italian/Dutch company which provides radar solutions. MetaSensing designs, manufactures and operates complete radar sensors (spaceborne, airborne and ground-based) at different frequencies for a large variety of applications. Those sensors are equipped with proprietary control, configuration, and processing and visualization software. MetaSensing's sensors are compact, light-weight and high resolution providing the most cost-effective solutions for detection, mapping, surveillance and imaging to governments, universities and commercial companies.

MetaSensing has offices in Italy, The Netherlands and Singapore.

Employment condition: Full-time, 40 hours per week.

For additional information or for the application, please send an email with your CV and cover letter to joinus@metasensing.com with subject Ref: MS-JDS-EPE-202001.

Milan, 13/01/2020